IN THE CLAIMS

Please rewrite the claims as follows:

1. (currently amended) A decorative structure comprising a substrate formed of fly ash in the form of ceramic balloons having a diameter size of in the range of about 50 microns to about 500 microns and ~~thinly coated with~~ enclosed in a bonding agent in a ratio that is configured to optimize strength and coefficient of thermal expansion and with the ceramic balloons located on at least one outer surface of the substrate exposed to form an open cell structure of ceramic micro balloons on at least one outer surface of the substrate and wherein said substrate has a coefficient of thermal expansion in the range of about 6PPM/inch/per degree F to about 7PPM/inch/per degree F; and

a coating layer applied to said at least one outer surface ~~having at least one of~~ and having a coefficient of thermal expansion substantially equal to that of the substrate ~~and a expansion characteristic configured to substantially absorb any difference in the coefficient of thermal expansions between the coating layer and substrate to substantially eliminate any physical deformation between the substrate and coating layer~~

~~forming~~ wherein the coating layer forms an exterior outer surface having a fabricated ornamental appearance.

2. (currently amended) The decorative structure of claim 1 wherein the ceramic micro balloons diameter size range from about 50 microns to about 300 microns

3. (currently amended) The decorative structure of claim 2 wherein the ceramic micro balloons diameter size are about 200 microns.

4. (currently amended) The decorative structure of claim 1 wherein the bonding agent is selected from a group consisting of an amine cured epoxy resin, epoxy resin ~~and~~ or thermal setting polymer.

5. (original) The decorative structure of claim 1 wherein the bonding agent is a resin.

6. (original) The decorative structure of claim 5 wherein the resin is an amine cured epoxy resin.

7. (original) The decorative structure of claim 6 wherein the amine cured epoxy resin may comprise an amine cured Bisphenol-A based epoxy resin.

8. (cancelled) The decorative structure of claim 1 wherein the coating layer is configured of a coating material

having a coefficient of thermal expansion substantially equal to that of the substrate.

9. (currently amended) The decorative structure of claim 1 wherein the coating layer is configured of a coating material ~~and~~ including a treatment material having a coefficient of thermal expansion which in combination ~~have~~ with the coating layer has a coefficient of thermal expansion substantially equal to that of the substrate.

10. (currently amended) The decorative structure of claim ~~1~~ 2 wherein the coating layer is configured of a coating material ~~and~~ including a treatment material having a coefficient of thermal expansion which in combination ~~have~~ with the coatinl layer has a coefficient of thermal expansion substantially equal to that of the substrate.

11. (currently amended) The decorative structure of claim 1 wherein the coating layer is configured of ~~a at least one of~~ a coating material ~~and~~ including a treatment material having a coefficient of thermal expansion which in combination ~~have~~ with the coating layer has a coefficient of thermal expansion substantially equal to that of the substrate and a thin coating material finishing layer formed over said coating layer having an expansion characteristic which is configured to ~~substantially~~

~~absorb any difference in~~ be combined with the coefficient of thermal expansions ~~between~~ of the coating layer ~~and substrate to~~ in the range of about 6PPM/inch/per degree F to about 7PPM/inch/per degree F to substantially eliminate any physical deformation between the substrate and coating layer ~~forming~~ wherein the thin coating material forms an exterior outer surface having a fabricated ornamental appearance.

12. (original) The decorative structure of claim 1 wherein said substrate is configured to have density in the range of about 27 lbs/cu ft to about 30 lbs/cu ft.

13. (original) The decorative structure of claim 1 wherein said substrate is configured to have crush strength of greater than 1500 psi.

14. (original) The decorative structure of claim 1 wherein said substrate is configured to have flex strength of greater than 250 psi.

15. (currently amended) The decorative structure of claim 1 wherein said ~~substrate is configured~~ coating layer is selected to have coefficient of thermal expansion in the range of about 6 ~~ppm~~ PPM/inch/degree F to about 7 ~~ppm~~ PPM/inch/degree F.

16. (currently amended) The decorative structure of claim 1 wherein said substrate is configured to have a Thermal K (thermaql conductivity) of greater than 0.1 Watt/meter/K.

17. (currently amended) The decorative structure of claim 1 wherein said substrate is configured to have a ~~the~~ Glass Transition Temperature, Tg, of greater than 200 degree F

18. (original) The decorative structure of claim 6 wherein said substrate comprises about 80% by weight to about 90% by weight of fly ash ceramic balloons and about 10% by weight to about 20% by weight of amine cured epoxy resin.

19. (currently amended) A decorative panel comprising

a substrate having a first surface and a second surface formed of fly ash in the form of ceramic micro balloons having a diameter size in the range of about 50 microns to about 500 microns and ~~thinly coated with~~ enclosed in an amine cured epoxy resin in a ratio that is configured to optimize strength and coefficient of thermal expansion and with the ceramic balloons located on at least one outer surface of the substrate exposed to form an open cell structure of ceramic micro balloons on at least one outer surface of the substrate; and

a coating layer having a coefficient of thermal expansion in the range of about 6PPM/inch/per degree F to about

7PPM/inch/per degree F applied by capillary action to one of said first surface and said second surface of the substrate ~~wherein said coating layer has at least one of a coefficient of thermal expansion substantially equal to that of the substrate and a expansion characteristic configured to substantially absorb any difference in the coefficient of thermal expansions between the coating layer and substrate to substantially eliminate any physical deformation between the substrate and coating layer~~ forming an exterior outer surface having a fabricated ornamental appearance.

20. (currently amended) The decorative panel of claim 19 wherein the ceramic micro balloons diameter size range from about 50 microns to about 300 microns.

21. (currently amended) The decorative panel of claim 20 wherein the ceramic micro balloons have a diameter size of about 200 microns.

22. (currently amended) The decorative panel of claim 20 wherein the coating layer comprises a coating material ~~and~~ including a coating treatment material having a coefficient of thermal which in combination ~~have~~ with the coating layer has a coefficient of thermal expansion substantially equal to that of the substrate.

23. (original) The decorative panel of claim 19 wherein said substrate is formed into a selected shape.

24. (original) The decorative panel of claim 19 wherein said substrate comprises about 80% by weight to about 90% by weight of fly ash micro balloons and about 10% by weight to about 20% by weight of amine cured epoxy resin.

25. (original) The decorative panel of claim 24 wherein said amine cured epoxy resin comprises an amine cured Bisphenol-A based epoxy resin.

26. (currently amended) The decorative panel of claim 24 wherein the ratio of ceramic micro balloons to an amine cured epoxy is configured to optimize at least one of a coefficient of thermal expansion in the range of about 6PPM/inch/degree F and 7PPM/inch/degree, a density of about 27 lbs/cu ft to about 30lbs/cu ft; a crush strength of >1500psi; a flex strength of >250psi and a Thermal K (thermal conductivity) of about 0.1 Watt/meter/K and glass transition temperature Tg >200F.

27. (original) The decorative panel of claim 19 wherein said coating layer has a pair of opposed surfaces and one of the pair of opposed surfaces is bonded to one of said first surface and said second surface of the substrate and the other of said

of the pair of opposed surfaces defines an exterior outer surface having a fabricated ornamental appearance.

28. (original) The decorative panel of claim 27 wherein said exterior outer surface is a simulated panel coating.

29. (original) The decorative panel of claim 27 wherein said exterior outer surface is a faux finish.

30. (original) The decorative panel of claim 27 wherein said exterior outer comprises a faux finish having a milled aggregate in a water based acrylic emulsion.

31. (currently amended) The decorative panel of claim 27 wherein said exterior outer comprises a faux finish fabricated from an ~~Aronite~~ ARONITE brand Liquid Sandstone and Limestone coating material.

32. (withdrawn) A chafing dish serving station comprising

a chafing dish supporting structure having a selected longitudinal dimension and a selected lateral dimension configured for forming a chafing dish receiving section for supporting a chafing dish above a burner placed below the chafing dish, said chafing dish support structure having a selected vertical height and a selected lineal outer length which entirely circumscribes said selected longitudinal dimension and said lateral dimension; and

a decorative shell structure having outer walls having a vertical height substantially equal to said selected vertical height and a lineal dimension substantially equal to elected lineal outer length so as to enclose said chafing dish structure and burner, said decorative shell structure comprising

a substrate formed of fly ash in the form of ceramic micro balloons having a in the range of about 50 microns to about 500 microns thinly coated with an amine cured epoxy resin in a ratio that is configured to optimize strength and coefficient of thermal expansion; and

a coating layer applied to said at least one outer surface having at least one of a coefficient of thermal expansion substantially equal to that of the substrate and a expansion characteristic configured to substantially absorb any difference in the coefficient of thermal expansions between the coating layer and substrate to substantially eliminate any physical deformation between the substrate and coating layer forming an exterior outer surface having a fabricated ornamental appearance.

33. (withdrawn) The chafing dish serving station of claim 32 wherein said substrate has a first surface and a second surface formed of fly ash in the form of ceramic micro balloons

having a size of about 200 micron thinly coated with an amine cured epoxy resin in a ratio that is configured to optimize strength and coefficient of thermal expansion, said coating having an exterior outer surface having a fabricated ornamental appearance.

34. (withdrawn) A decorative shell for enclosing object comprising

a substrate formed of fly ash in the form of ceramic balloons having a size of in the range of about 50 microns to about 500 microns thinly coated with in a bonding agent in a ratio that is configured to optimize strength and coefficient of thermal expansion and form an open cell structure of ceramic micro balloons on at least one outer surface of the substrate; and

a coating layer applied by capillary action to said at least one outer surface having at least one of a coefficient of thermal expansion substantially equal to that of the substrate and a expansion characteristic configured to substantially absorb any difference in the coefficient of thermal expansions between the coating layer and substrate to substantially eliminate any physical deformation between the substrate and coating layer forming an exterior outer surface having a fabricated ornamental appearance.

35. (withdrawn) The decorative shell for enclosing object of claim 34 wherein said substrate has a vertical height substantially equal to a selected vertical height of an object to be enclosed thereby and a lineal dimension substantially equal to a selected lineal dimension of an object to be enclosed thereby so as to enclose said object with said decorative shell.

36. (withdrawn) The decorative shell for enclosing structure an object of claim 34 wherein said coating layer defines an exterior outer surface having a fabricated ornamental wherein said enclosed object has an appearance defined by said ornamental appearance.

37. (withdrawn) An underlay for use as a component in a decorative structure, said underlay comprising

a substrate formed of fly ash in the form of ceramic balloons having a size of in the range of about 50 microns to about 500 microns thinly coated with a bonding agent in a ratio that is configured to optimize strength and coefficient of thermal expansion and to form an open cell structure of ceramic micro balloons on at least one outer surface of the substrate.

38. (withdrawn) The underlay of claim 37 wherein said substrate has at least one outer surface further and further comprises

a coating layer adhering by capillary action to said at least one outer surface having at least one of a coefficient of thermal expansion substantially equal to that of the substrate and a expansion characteristic configured to substantially absorb any difference in the coefficient of thermal expansions between the coating layer and substrate to substantially eliminate any physical deformation between the substrate and coating layer forming an exterior outer surface having a fabricated ornamental appearance.

39. (withdrawn) The underlay of claim 37 herein said coating layer has an exterior outer surface having a fabricated ornamental appearance.

40. (withdrawn) The underlay of claim 39 herein said coating layer having an exterior outer surface having a fabricated ornamental appearance is fabricated as a protective, outer layer providing protection from environmental conditions.

41. (withdrawn) The underlay of claim 37 wherein said substrate comprises about 80% by weight to about 90% by weight of fly ash ceramic micro balloons and about 10% by weight to about 20% by weight of an amine cured epoxy resin.

42. (withdrawn) A method of forming a decorative comprising the steps of:

fabricating a substrate of fly ash in the form of ceramic micro balloons having a size in the range of about 50 microns to about 500 microns thinly coated with a bonding agent in a ratio that is configured to optimize strength and coefficient of thermal expansion and wherein said substrate has at least one outer surface having an open cell structure formed by the ceramic micro balloons in the bonding agent; and

applying to said open cell structure in the at least one outer surface of the substrate by capillary action a coating layer having at least one of a coefficient of thermal expansion substantially equal to that of the substrate and a expansion characteristic configured to substantially absorb any difference in the coefficient of thermal expansions between the coating layer and substrate to substantially eliminate any physical deformation between the substrate and coating layer forming an exterior outer surface having a fabricated ornamental appearance.

43. (withdrawn) The method of claim 42 wherein the step of fabricating a substrate includes a substrate comprising about 80% by weight to about 90% by weight of fly ash ceramic micro balloons and about 10% by weight to about 20% by weight an amine cured epoxy resin.

44. (withdrawn) The method of claim 42 wherein the step of fabricating a substrate includes making the substrate fire resistant.

45. (withdrawn) The method of claim 42 wherein the step of applying to said outer surface includes using a coating layer having a coating treatment material having a milled aggregate in a water based acrylic emulsion.

46. (withdrawn) The method of claim 42 wherein the step of applying to said outer surface includes using a coating layer that is a simulated panel coating.

Please add new claims 47 to 50

47. (new) The decorative panel of claim 1 wherein the coating layer applied to said at least one outer surface has a coefficient of thermal expansion in the range of about 6PPM/inch/per degree F to about 7PPM/inch/per degree F.

48. (new) The decorative panel of claim 1 wherein the coating material is selected from a group having a coefficient of thermal expansion in the range of about 6PPM/inch/per degree F to about 7PPM/inch/per degree consisting of an aggregate material, a synthetic material, simulated panel coating, a faux finish material, a faux finish having a milled aggregate in a

water based acrylic emulsion, a faux surface material and an ARONITE brand Liquid Sandstone and Limestone coating material.

49. (new) A decorative structure comprising

a substrate formed of fly ash in the form of ceramic balloons having a diameter size of in the range of about 50 microns to about 500 microns and enclosed in a bonding agent in a ratio that is configured to optimize strength and coefficient of thermal expansion and with the ceramic balloons located on at least one outer surface of the substrate exposed to form an open cell structure of ceramic micro balloons on at least one outer surface of the substrate and wherein said substrate has a coefficient of thermal expansion in the range of about 6PPM/inch/per degree F to about 7PPM/inch/per degree F.

50. (new) The decorative structure of claim 49 further comprising

a coating layer having applied to said at least one outer surface—having a coefficient of thermal expansion—substantially equal to that of the substrate and in the range of about 6PPM/inch/per degree F to about 7PPM/inch/per degree F.